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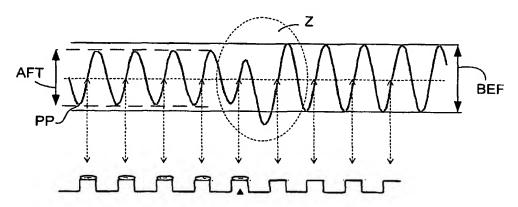
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(54) Title: REWRITABLE OPTICAL MEDIUM, APPARATUS FOR READING AND/OR FOR WRITING IT AND PROCESS FOR MANUFACTURING A REWRITABLE DISC.



(57) Abstract: In this optical medium (1), a pre-groove track (5) which generates a tracking signal called PP signal, is embedded between layers (40 and 41) of material. This PP signal varies considerably between written and empty tracks. The reading and/or the writing can be disturbed to a large extent. An optical medium formed by a material which presents a slightly positive weak variation in the phase between written track and unwritten track and an average reflection coefficient of an order of magnitude of 0.5 or greater avoids this disturbance.



CLASSIFICATION OF SUBJECT MATTER PC 7 G11B7/09 G11B IPC 7 G11B7/24 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category 9 Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X WO 99 62061 A (KONINKL PHILIPS ELECTRONICS 1,2,5,6, NV ; PHILIPS SVENSKA AB (SE)) 8,11,12 2 December 1999 (1999-12-02) the whole document X EP 1 143 432 A (MITSUBISHI CHEM CORP) 1-5,8-12 10 October 2001 (2001-10-10) Α paragraph '0039! - paragraph '0042!: 6,7 figures 6-9 page 9, line 44 -page 13, line 41 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 6 November 2003 14/11/2003 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Moje, A

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